

Molecular and crystal structure of a product of the reaction of 5-methyl-2-phenyl-1,2,3-diazaphosphol with diazopropane

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Abstract

X-ray diffraction structural analysis established the structure of 2,2,6-trimethyl-1-oxo-1-hydro-4-phenyl-8-[α -phenylhydrazono]ethyl-4,5-diaza-1,3-diphosphabicyclo[3.3.0]oct-5-ene, in which a long conjugation chain is realized through the hydrazone group and the adjacent atoms.
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